Kit de supraveghere Serioux H.264 cu DVR si 4 camere

SRX-DVR4C

Manual de utilizare

- **Energie**

  Acest DVR are adaptor de DC12V; verificati voltajul inainte de conectare.

  Daca nu folositi produsul o perioada lunga, este indicat s ail scoateti din priza.

- **Securitate**

  DVR se foloseste doar in incaperi, ferit de zone cu umiditate mare. Daca patrunde vreun lichid inauntru, inchideti imediat DVR-ul. Reparatia se face doar in service-uri autorizate.

- **Instalare**

  Instalati HDD-ul, de preferat sa fie cu 7200rpm. Nu depozitati alte obiecte pe sau in jurul DVR-ului.

1.1 Specificatii tehnice

Compresie	H.264 @L3.1
Intrare	Composit 1.0Vp-p/75Ω,BNC×4/ BNC×8/ BNC×16
Iesire video	Composit 1.0Vp-p/75Ω,BNC×1, VGA×1
Rezolutie	Vizionare D1 720×576（PAL），720×480（NTSC） CIF 352×288（PAL），320×240（NTSC） Inregistrare D1 720×576（PAL），720×480（NTSC） CIF 352×288（PAL），320×240（NTSC）
Rata bit	Vizionare/inregistrare 4ch 100fps(PAL), 120fps(NTSC 8ch 200fps(PAL), 240fps(NTSC) 16ch 400F/S(PAL), 480F/S(NTSC)
Intrare audio	-8dB~22k,RCAx4(4ch), RCAx4(4ch)
Iesire audio	-8dB~92dB,RCAx1
Decodare audio	ADPCM
Intrare alarma	Intrare alarma, se seteaza pe inchis/deschis
Iesire alarma	1ch/2ch
Mod inregistrare	Manual, programat, la miscare, la alarma
Simplex/duplex/ triplex	triplex(inregistrare, redare ,transmisie LAN)
LAN	RJ45(10M/100M)
Control PTZ	Da
Comunicare	RS485×1，USB2.0×1
USB	USB mouse
Hard disk drive	1or2x SATA（2TB sau superior）
Telecomanda	Da
Dimensiuni	Placa de baza: 220mm x 112mm
Energie	AC110-230V

2.1 H.264 DVR cu 4 canale

2.1.1 Instalare HDD

Instalati HDD-ul la prima utilizare.

①Desurubati suruburile de pe ambele parti

②ridicati carcasa

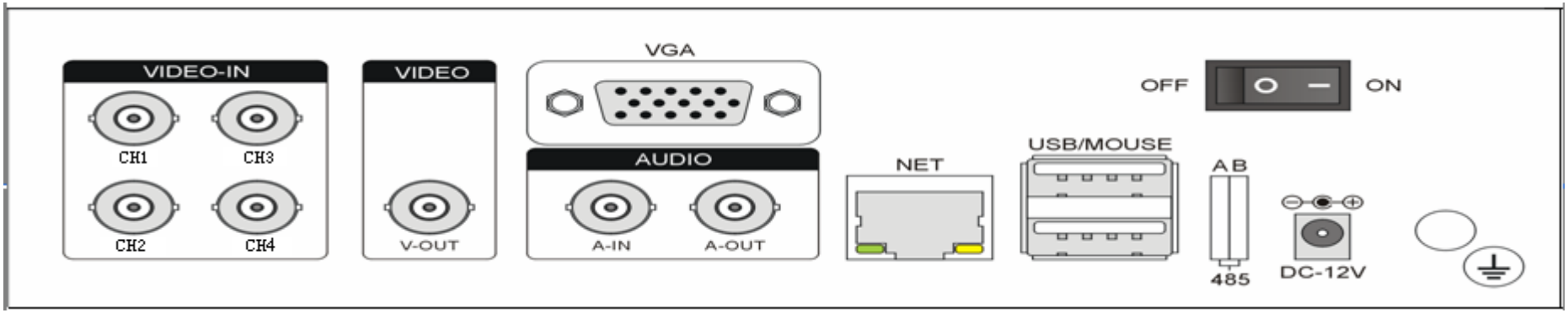
③conectati HDD-ul la placa de baza

④fixati suruburile la HDD

⑤inchideti carcasa

⑥puneti suruburile la loc pe ambele parti

2.1.2 Panou spate

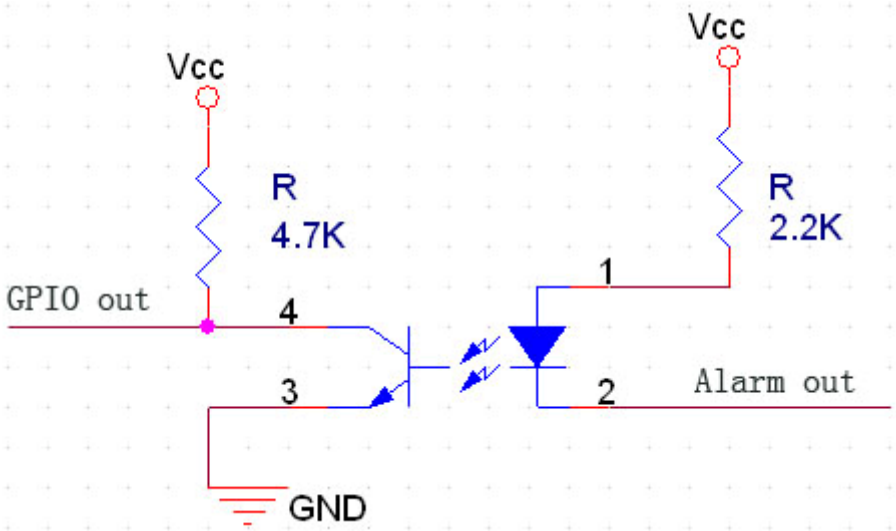


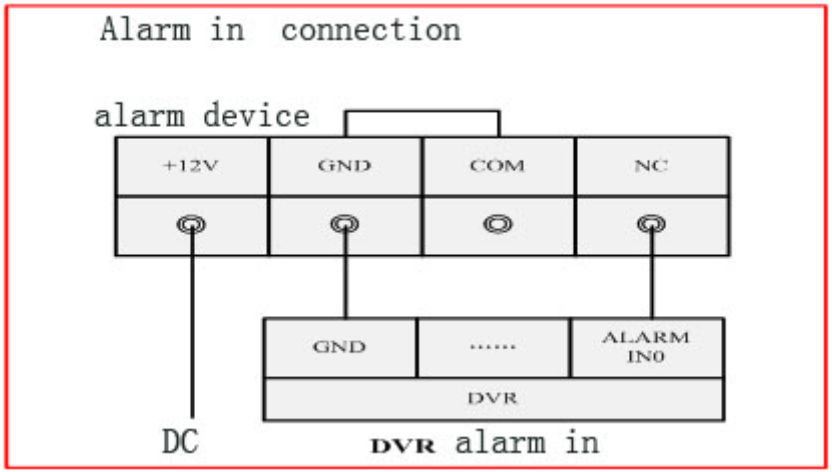
Item	Interfata	Descriere
1	VIDEO IN	Intrare video 4canale
2	AUDIO IN	Intrare audio 1 canal
3	V-OUT	Iesire video 1 canal
4	A-OUT	Iesire audio 1 canal
5	VGA	Monitor VGA
6	NET	RJ45
7	USB/ MOUSE	Primul USB pentru backup sau actualizari, al doilea pentru mouse
8	ON/OFF	Comutator on/off
9	DC-12V	Adaptor energie
10		Fara alarma RS-485：A, B

2.1.3 Port alarma

Intrare alarma are 8 canale, fara restrictie la inchis/deschis.;

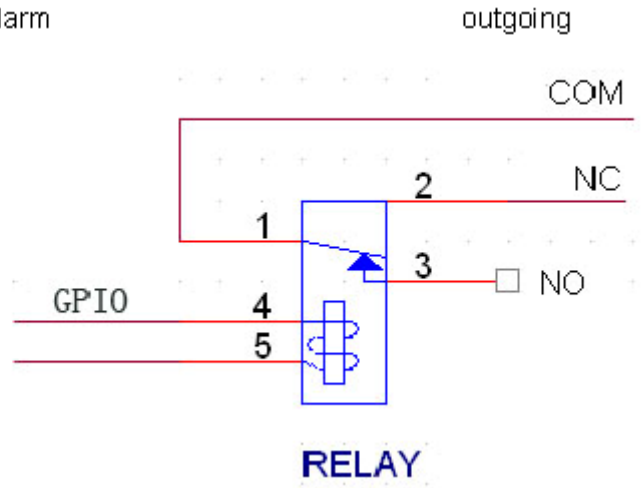
Circuitul de intrare:





2.1.4 Port iesire alarma

Iesirea se face pe 4 cai pe deschis sau pe inchis, este nevoie de Vcc;



3.1 Pornire

3.1.1 Pornire

Daca indicatorul【POWER】este stins, urmariti pasii de mai jos:

Primul pas: conectati DVR-ul la prize, daca nu porneste, mergeti la pasul urmator.

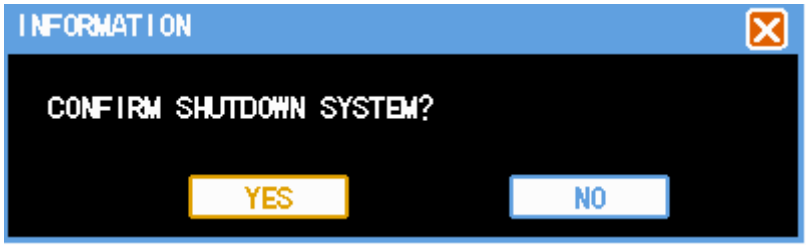
Pasul 2: apasati comutatorul din spate.

Setarea prestabilita este pe modul imagini, inregistrare temporizata. Daca nu ati instalat HDD-ul inainte de pornire, sistemul afiseaza urmatorul mesaj:

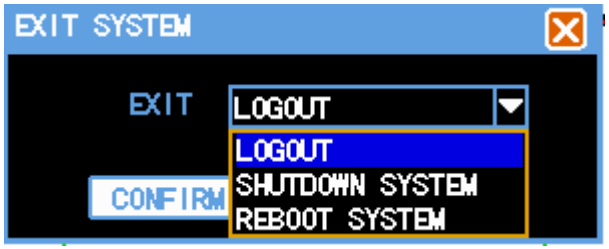
3.1.2 Inchidere

◆ **Exista 2 metode de a inchide**

A. Apasati butonul POWER timp de 3 secunde si apare mesajul:



B. Intrati in【Main Menu】→【Log Out】selectati【Shutdown system】.



◆ **Inchidere fortata**

Folosing butonul din spatele DVR-ului

Nu se recomanda aceasta metoda, mai ales cand inregistrarea functioneaza.

Deconectati DVR-ul direct de la priza.

Nu se recomanda aceasta metoda, mai ales cand inregistrarea functioneaza.

Atentie: in anumite zone, tensiunea nu este regulata, folositi un regulator de tensiune.

3.2 Meniu sistem

Meniu

- Apasati【MENU】si intrati in meniul principal
- Click【Mouse right key】intrati in meniul shortcut
- Click【T-RSH】intrati in meniul de redare
- click【REC】intrati in meniul de inregistrare manuala
- Click【PTZ】intrati in meniul de PTZ

Instructiuni: introduceti utilizatorul si parola, initial sunt “admin” si “666666”.

Exista 3 utilizatori prestabiliti “admin, user, default” cu parola “123456”. Utilizatorul “admin” este superior celorlalte, utilizatorul “default” are autoritate slaba, doar pentru monitorizare, redare, backup.

Securitate parola: puteti incerca de 5 ori in 30min si apoi se contul se blocheaza.

Remarca: pentru siguranta, modificati userul si parola din meniul de operatiuni ---User management.

3.3 Restartare

Cand DVR-ul este in functiune, daca este intrerupta energia, se deschide din nou si se revine la starea initiala daca nu a fost avariat.

3.4 Vizionare

Dupa ce va logati in sistem, automat se trece la modul de vizionare. Verificati datele afisate in imagine.

Iconite

1		Se afiseaza cand este pornita inregistrarea	3		Se afiseaza cand sunt pierderi de semnal video
2		Se afiseaza cand este alarma pentru miscare activata	4		Alarma folosita
5		Se afiseaza cand este oprita inregistrarea pe un canal			

3.5 Operatiune inregistrare

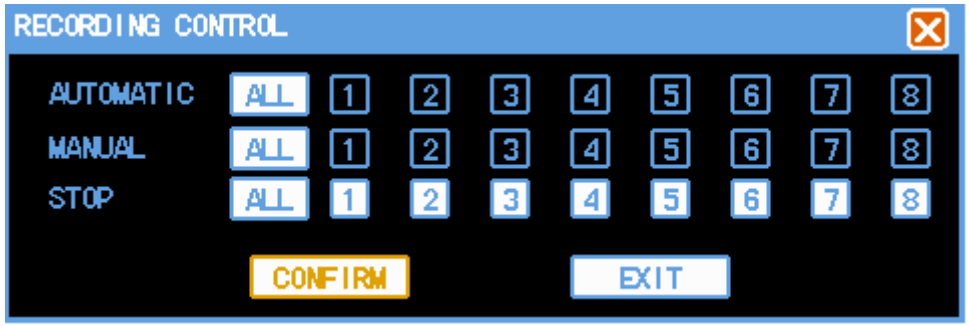
In functie de modul de inregistrare, iconitele apar pentru fiecare canal.

3.5.1 Inregistrare manuala

Nota: Utilizatorul folosit trebuie sa aiba autorizare pentru inregistrare, initial trebuie sa instaleze HDD-ul.

1）Meniu inregistrare manuala

In meniul principal => se trece din automat pe manual ca mai jos:



2) Explicatii

【manual recording】 Are cea mai mare prioritate, se trece pe manual canalul dorit.

【Auto recording】Se alege modul de inregistrare din inregistrare programata, detectie la miscare si alarma, din setarile de inregistrare

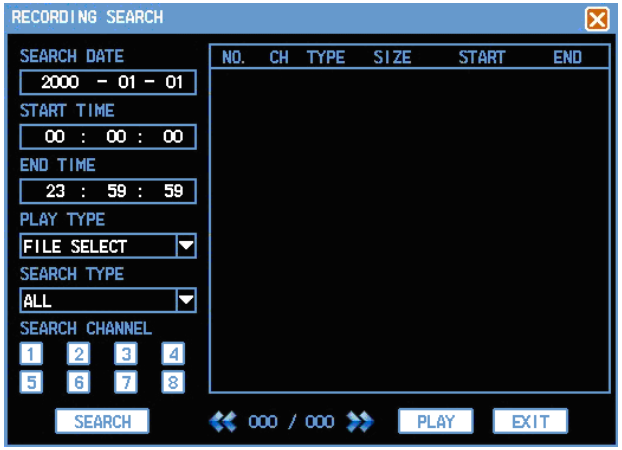
【Stop Recording】Toate canalele video se opresc.

【All 】Porneste sau opreste inregistrarea tuturor canalelor.

3.5.2 Redare video

Exista 2 moduri de redare: un canal sau toate.

Redare un canal: selectati “Record Playback” din meniu, cautati fisierul dorit si deschideti-l.



Redare 4 canale:【Main menu】➔【Record Search】, click pe iconita:

Selectati canalul video pentru cautare, dublu click pe fisierul dorit pentru redare, apoi mergeti pe canalul 2 si selectati fisierul dorit si asa mai departe.

Iconite redare video:

Buton	Descriere	Buton	Descriere
	Redare/pauza		Deschide fisierul inregistrat
	Stop		Redare un canal
	De la incet la normal		Redare 4 canale
	Incet, rapid		
	Sunet pornit/oprit		Ascunde bara de instrumente
	Ajustare voce		Inchideti fereastra

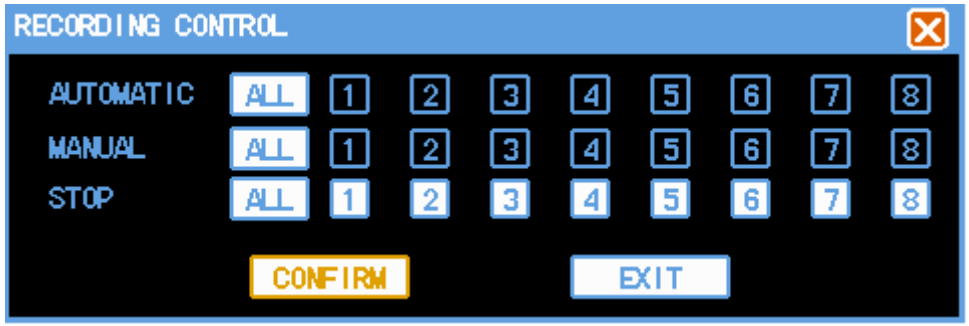
Nota:

1) In timpul redarii, se afiseaza vitezam canalul, timpul in panoul de redare video;
2) Nu se poate selecta butonul rapid inainte (fast forward) pe mai multe canale;
3) Panoul de control se poate muta cu mouse-ul;

3.5.3 Setari inregistrare

Inregistrarea se face in 2 moduri: manual si automat

3.5.3.1 Inregistrare manuala

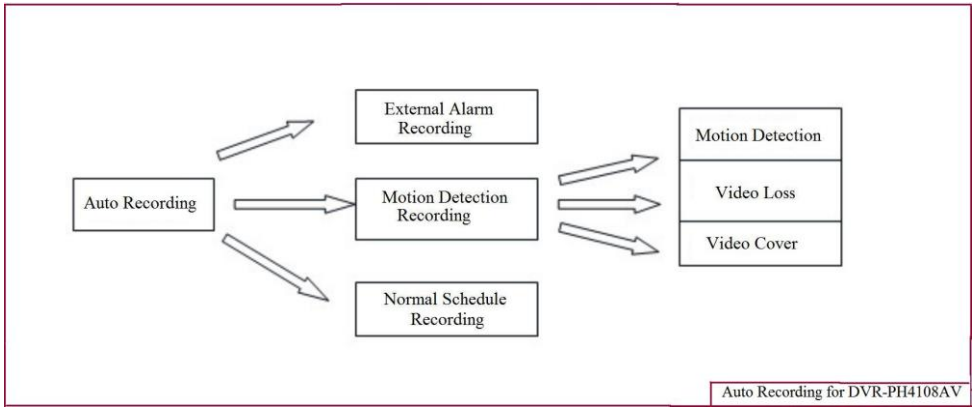


Click pe 【Main Menu】➔【Recording Control】, selectati canalul pentru inregistrare, “alb” inseamna ca inregistrarea functioneaza;

De asemenea puteti selecta “All” pentru a incepe inregistrarea pe toate canalele.

3.5.3.2 Inregistrare automata

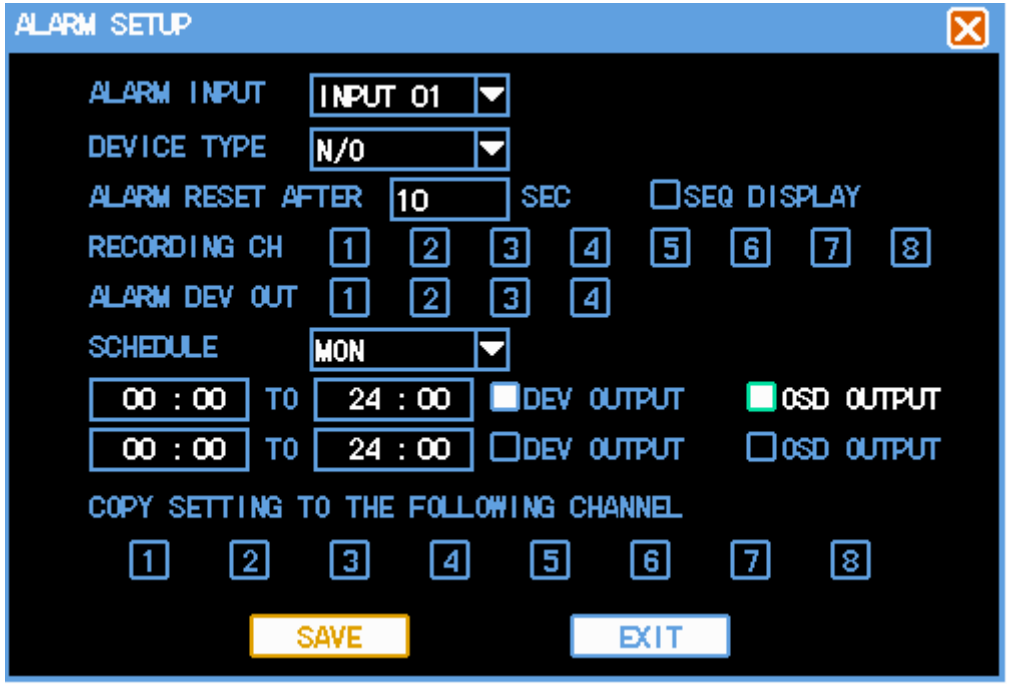
Inregistrarea automata include:



External Alarm Recording: gasiti detalii in capitolul urmator

Normal Schedule Recoding: Setarile prestabilite permit inregistrarea timp de 24 de ore non-stop cand porniti DVR-ul .

Motion Detection Recording: porneste inregistrarea in momentul depistarii unei miscari in campul vizual



Setare timp:

【Channel】/【Recording Schedule】se selecteaza canalul si se seteaza data si ora.

【Alarm Recording】Poate inregistra 2-5 secunde inainte ca alarma sa porneasca ;

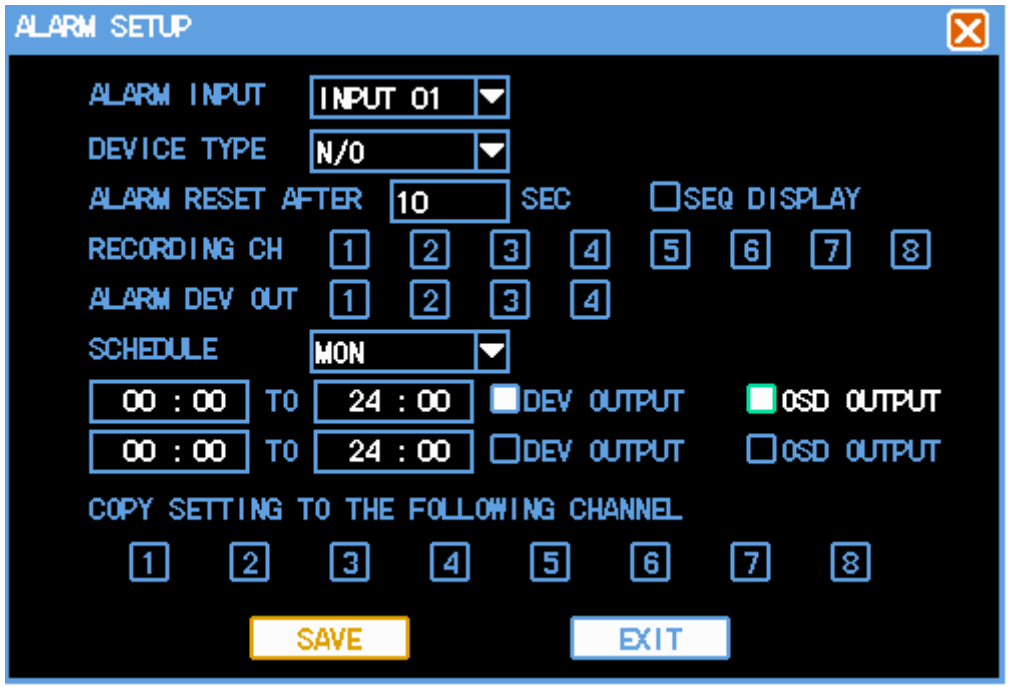
Setari scurtatura

1) Duplicare setari: setarile unui canal video se pot adauga direct altui canal.

2) Utilizatorul trebuie sa salveze setarile una cate una.

3.5.4 Setari alarma si inregistrare

Setarile se gasesc in【Main Menu】➔【System Setting】➔【Alarm setting】



【Alarm Input】Selectati numarul canalului pentru alarma;

【Device Mode】Selectati normal deschis/normal inchisclose (voltaj);

【Channel Switcher】Selectati setarile de comutare din meniu【Output Mode】;

【Recording channel】Selectati canalul de inregistrare dorit, daca este setata alarma, inregistrarea incepe automat.

【Clear Time Delay】Selectati intarzierea （5-300sec）si apoi se inchide alarma

【Prompting message】Se afiseaza un mesaj de alarma

【Time Slice】Se poate se ta alarma in 2 intervale de timp.

4.1 Navigare meniu

Meniu principal	Meniu	Remarci
Redare		Se selecteaza fisierele dorite si se incepe redarea
Informatii sistem	**HDD**	Se afiseaza datele HDD-ului.
	Jurnal	Afiseaza jurnalul inregistrarilor.
	Versiune	Afiseaza versiunea softului si a hardware-ului.
	User online	Verificati informatii despre utilizatorii conectati.
Setari sistem	**Setari sistem**	Timp, modul de pastrare a inregistrarilor, modelul DVR si alti parametri.
	Setari decodare	Detalii despre decodare.
	Setari inregistrare	Setari despre inregistrarea programata, detectia miscarii, detective dinamica, alarma.
	Setari PTZ	Setari PTZ
	Setari retea	Parametri retea, transmitere video si functii PPPoE, DDNS
	Setari alarma	Setari paramateri alarma externa

	Detectie video	Setari detectie, sensibilitate, regiune, ecran alb etc.
	Afisare	Setari de afisare si comutare
Control inregistrare		Pornire sau oprire canal de inregistrare.
Management HDD		Stergere date, modificarile aduse proprietatilor HDD-ului necesita un restart al sistemului.
Control alarma		Setari avansate PTZ Functii Iesire/Intrare alarma
Optiuni avansate	**Cont utilizator**	Informatii despre utilizatori
	Exceptie	
	Upgrade sistem	Functie actualizare soft
	Ajustari iesiri	Ajustare parametri de iesire VGA
	Revenire la setari	Revenire la setarile initiale

Backup		Backup date pe dispozitive de stocare
Inchidere sistem		Inchidere sau restartare sistem

4.2 Operatiuni meniu

Interfata meniu:

Meniul principal include: cautare, informatii sistem, setari sistem, control inregistrare, management HDD, control alarma, optiuni avansate, backup fisiere, inchidere sistem.

Explicatii:

Schimbarile au loc dupa salvare, altfel sunt invalide.

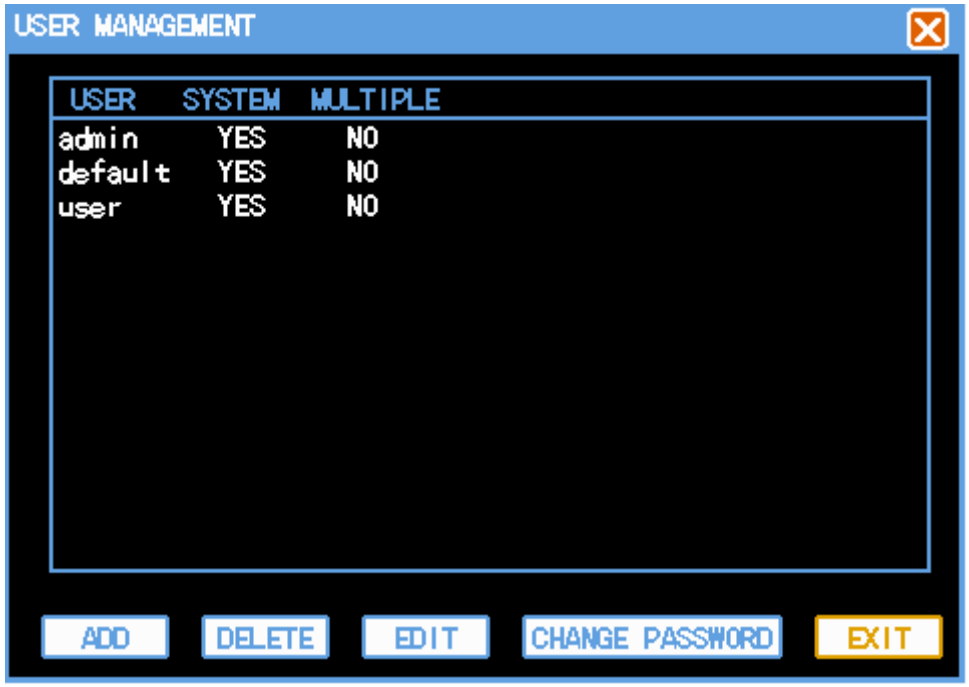
Casetele bifate inseamna ca functiile sunt active.

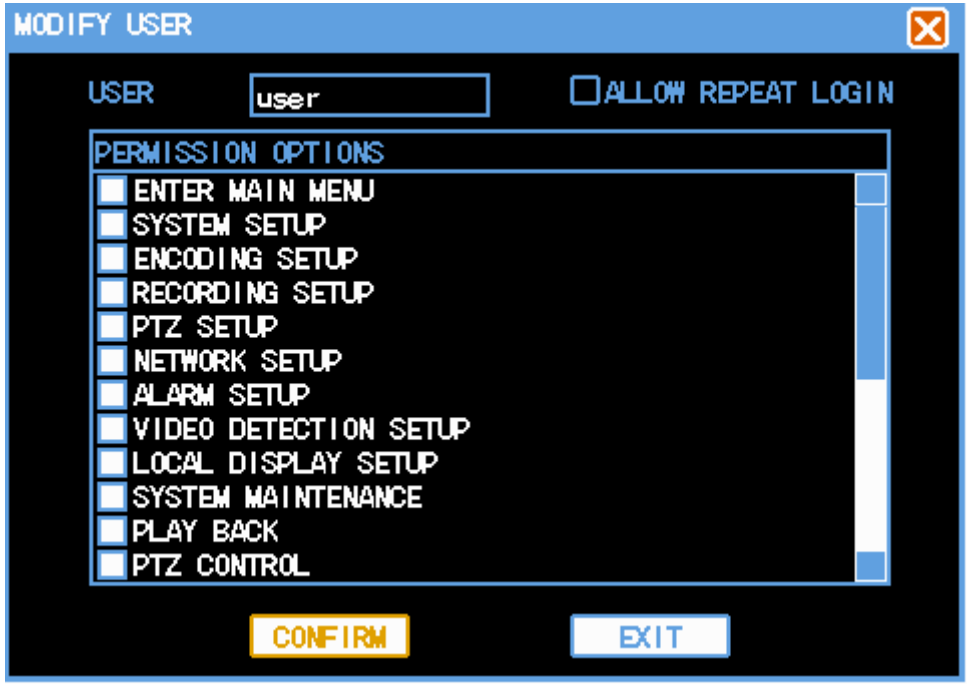
4.2.1 Conturi utilizatori

Numele utilizatorului este de maxim 8 caractere, nu poate avea spatii. Caractere permise: litere, numere, fara caractere speciale. Se pot crea maxim 20 utilizatori

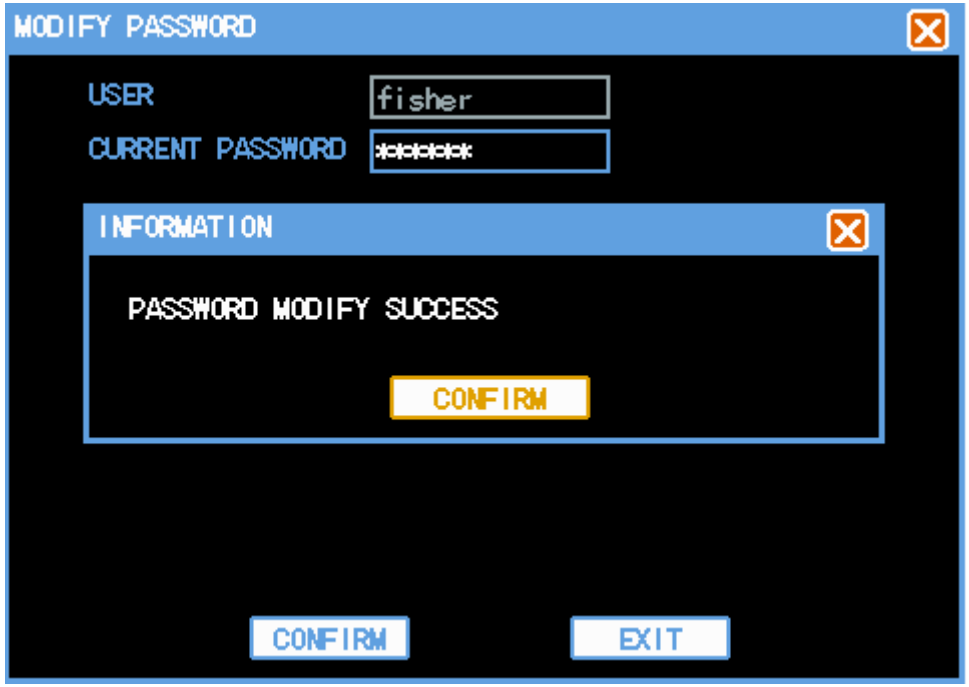
Modificare parola: se selecteaza utilizatorul, se introduce parola de 2 ori si se salveaza modificarile. Parola nu poate contine spatii.

Atentie: Parolele curente reprezinta numele utilizatorului.





Adaugare utilizator: adaugare utillizator in grup si setare permisiuni. “■” inseamna selectat.

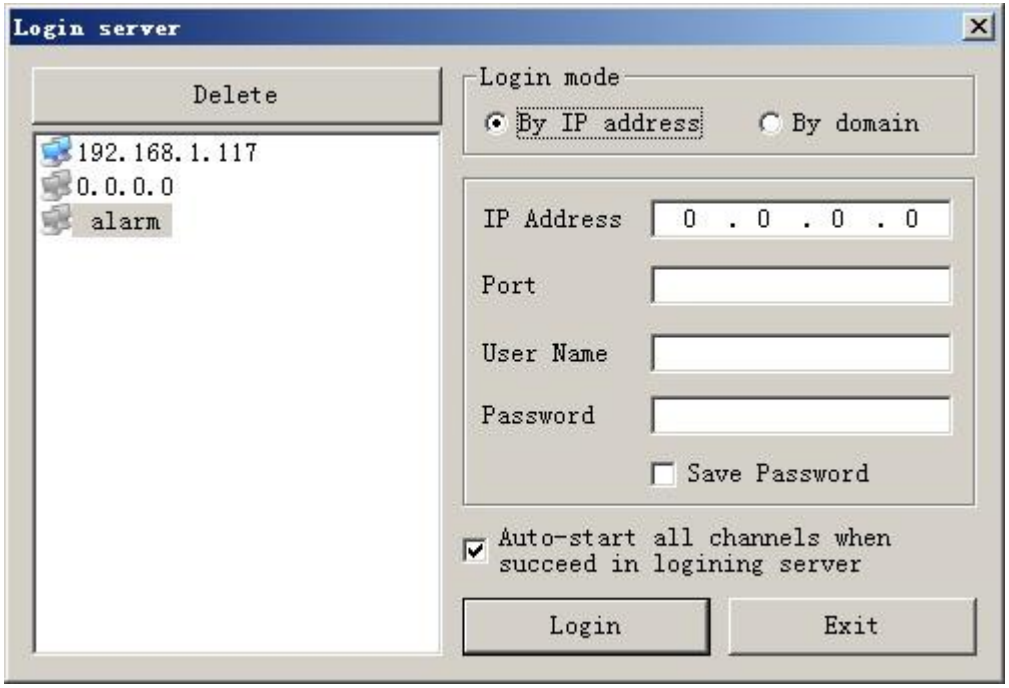


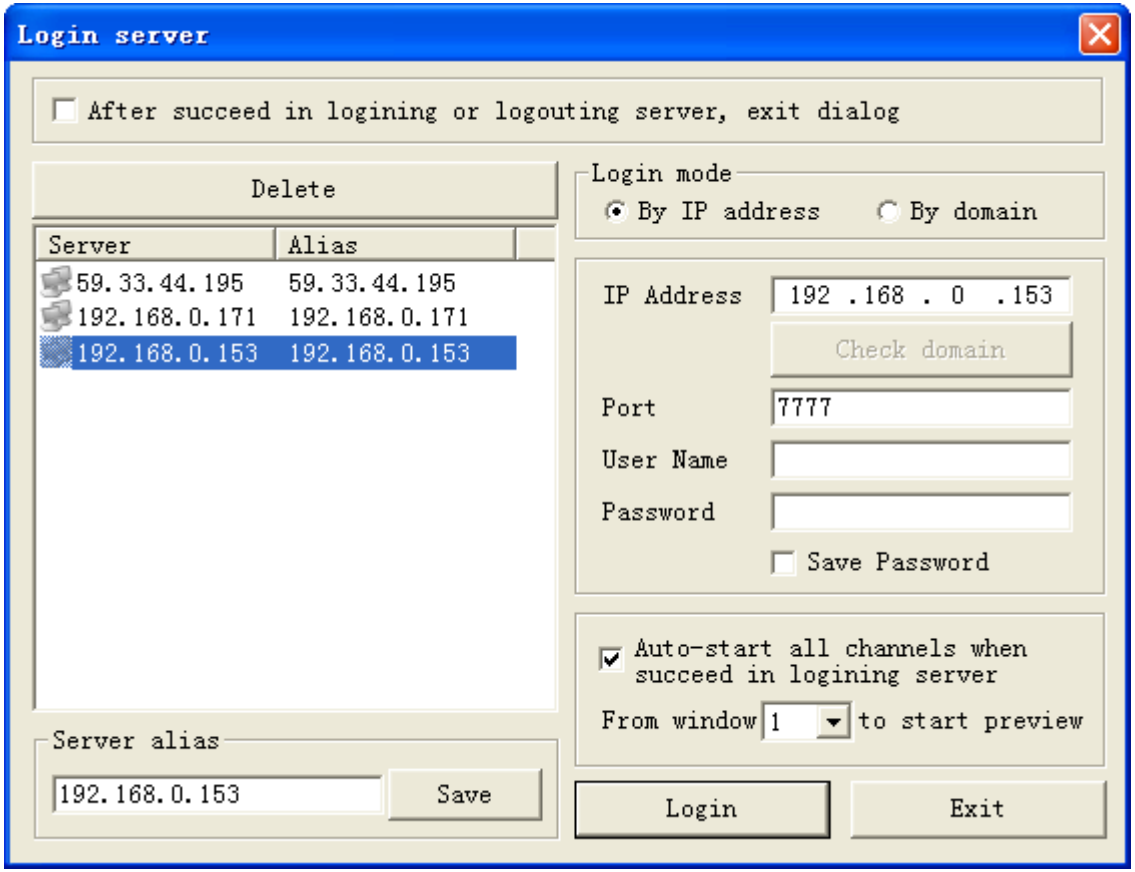
Exista 3 utilizatori admin,user,default, admin are permisiune completa si are parola 666666.

Default：acest utilizator nu poate fi sters. Cand nu exista niciun utilizator, se logheaza automat pe acesta. Daca doriti sa vedeti un anume canal video si nu este niciun utilizator conectat, puteti sa selectati permisiunea din acel canal video din contul Default.

5.1 Logare interfata

Introducere adresa IP





Adresa IP prestabilita: 192.168.0.117

1 Live01-192.168.0.193
CH 01
2009-03-05 20:42:23 THU
2 Live02-192.168.0.193
CH 02
2009-03-05 20:42:23 THU
3 Live03-192.168.0.193
CH 03
2009-03-05 20:42:23 THU
4 Live04-192.168.0.193
CH 04
2009-03-05 20:42:23 THU
5 Live05-192.168.0.193
CH 05
2009-03-05 20:42:23 THU
6 Live06-192.168.0.193
CH 06
2009-03-05 20:42:23 THU
H.264 Embedded
DVR
Login
Control
Setup
+ Focus -
+ Aux -
+ Zoom -
+ Iris -

6. FAQ (Intrebari frecvente)

❓ 01：De ce nu functioneaza DVR-ul dupa ce a fost conectat la priza?

- 👉 ①Verificati daca este comutatorul setat pe pornit in spatele DVR-ului.
- 👉 ②Verificati daca a fost pornit corespunzator.
- 👉 ③Folositi adaptor de +12V, 5A sau superior?

❓ 02：Se blocheaza la pornire?

- 👉 HDD-ul are probleme
- 👉 Secventa de pornire nu este normala.

❓ 03：De ce pornirea este asa lenta?

- 👉 ①HDD-ul este plin si sistemul porneste mai lent.
- 👉 ②HDD_ul are erori si asta face sa incetineasca sistemul.

❓ 04：De ce se restarteaza sistemul?

- 👉 ①Verificati HDD_ul daca este formatat in FAT32;
- 👉 ②Verificati sursa de energie a DVR-ului;
- 👉 ③Deconectati DVR-ul de la internet si verificati starea retelei.

❓ 05：De ce se blocheaza in timpul redarii inregistrarilor?

- 👉 Verificati daca ati instalat correct HDD-ul sau daca este functional.
- 👉 Verificati daca este mare temperature din incapere.
- 👉 Verificati cablurile conectate

❓ 06：Nu se face update de firmware?

- Stick-ul USB nu este detectat de system.
- Interfata USB nu este buna;

? 07：De ce se afiseaza in alb negru?

- Verificati intrarea video si setati pe modul automat de recunoastere;

? 08：De ce nu se afiseaza nimic pe ecran?

- ①Verificati daca TV-ul sau monitorul este conectat la current.
- ②Verificati cablurile de conectare video.

? 09：De ce apare video distorsionat?

- ①Verificati cablul video
- ②Folositi cablu izolat.
- ③Conectati DVR-ul la impamantare;

CE

	SRX-DVR4C		
Standard compresie	H.264	**Port comunicare**	RS485，USB2.0×2
Intrare video	BNC（1.0Vp-p/75Ω）	**Hard Disc**	1SATA（maxim 2T）
Iesire video	1TV, BNC(1.0Vp-p,75Ω),1VGA.	**Interfata USB**	Mouse Usb，backup stick USB
Imagini	PAL(720×576)， NTSC(720×480)	**Telecomanda**	Da
Rezolutie	1024x768/800x600	**Adaptor curent**	12V/3A DC
Decodare	CIF	**Temperatura de functionare**	0℃～+60℃
Inregistrare	1//4/CH	**Umiditate functionare**	10%～90%
Rata	PAL:1~25 roll/S；NTSC:1~30 roll/S	**Dimensiuni（mm）**	330x250x50mm
Intrare audio	RCA×1CH	**Greutate（Kg）**	2.6（fara HDD）
Iesire audio	RCA		
Decodare audio	ADPCM		
Rata decodare	32Kbps		
Intrare alarma	NO		
Iesire alarma	NO		
Mod inreg	Inregistrare manuala, de miscare sau alarma		
Mod	Inregistrare, redare, internet		
Interfata retea	RJ45(10M/100M)		
Platform mobile	Naway.CAB；symbian v3；symbian v5；Naway-Android；iphone，Blackberry		
RS485	Control PTZ		

H.264 Standalone DVR

SRX-DVR4C

USER MANUAL

- **Power**

  This DVR select the adaptor is DC12V; please make sure the power supply voltage before use the machine.

  If long time do not use the machine, please turn off the power of DVR machine, and let the electric plug away from power socket;

- **safety**

  This DVR only for indoor use, as for prevent short circuit or electric danger, please do not let the DVR in the raining or humid area.

  In case any solid or liquid inside the case of DVR, please turn off the power immediately, and ask the qualified technician check it before reboot the DVR;

  The DVR is the precision machine, there is nothing for repair by customers themselves in it, when it break down, please ask the qualified technician to check and repair, or contact with the agents of it.

- **Installation**

  Please keep the DVR in level for installation;

  Pay attention to equipment ground;

  For the first time to install the DVR, please make sure if the hard disk drive install or not;

  Prevent to open the case and change the hard disk drive in electrified;

  Propose to select the performance of hard disk drive will be 7200 rotating speed person second;

  Please select the appropriate installation site, so let the air can be free flow inside the DVR, prevent the machine overheating;

  Please do not install the DVR nearby the radiator, air chute etc. heat source, or where the direct sunlight, too much dust, or mechanical vibration or attack;

1.1 Technical Parameter

Compression standard	H.264 baseline profile@L3.1
Input	Composite 1.0Vp-p/75Ω,BNC×4/ BNC×8/ BNC×16
Video output	Composite 1.0Vp-p/75Ω,BNC×1, VGA×1
Resolution	Preview D1 720×576（PAL），720×480（NTSC） CIF 352×288（PAL），320×240（NTSC） Recording D1 720×576（PAL），720×480（NTSC） CIF 352×288（PAL），320×240（NTSC）
Bit rate	Preview/ recording 4ch 100fps(PAL), 120fps(NTSC 8ch 200fps(PAL), 240fps(NTSC) 16ch 400F/S(PAL), 480F/S(NTSC)
Audio input	-8dB~22k,RCAx4(4ch), RCAx4(4ch)
Audio output	-8dB~92dB,RCAx1
Audio decode	ADPCM
Alarm input	Input low level alarm, user setting normal open or normal close, Varies according to the model
Alarm output	1ch output or 2ch output;Varies according to the model
Recording mode	Manual recording, timing recording , motion detection recording and external alarm recording
Simplex/duplex/ triplex	triplex(recording, playback , LAN transmission)
LAN	RJ45(10M/100M self-adapting)
PTZ control	Yes
Communication	RS485×1，USB2.0×1
USB	USB mouse control
Hard disk drive	1or2x SATA（2TB or above）
Remote control unit	Yes
Dimension	Main board size : 220mm x 112mm
Power supply	AC110-230V

2.1 H.264 standalone 4CH/8CH/16CH DVR

2.1.1 Hard disk Installation

For the first use, please install the hard disk

①Remove the screws on both sides of shell

②extracted from the next cover up

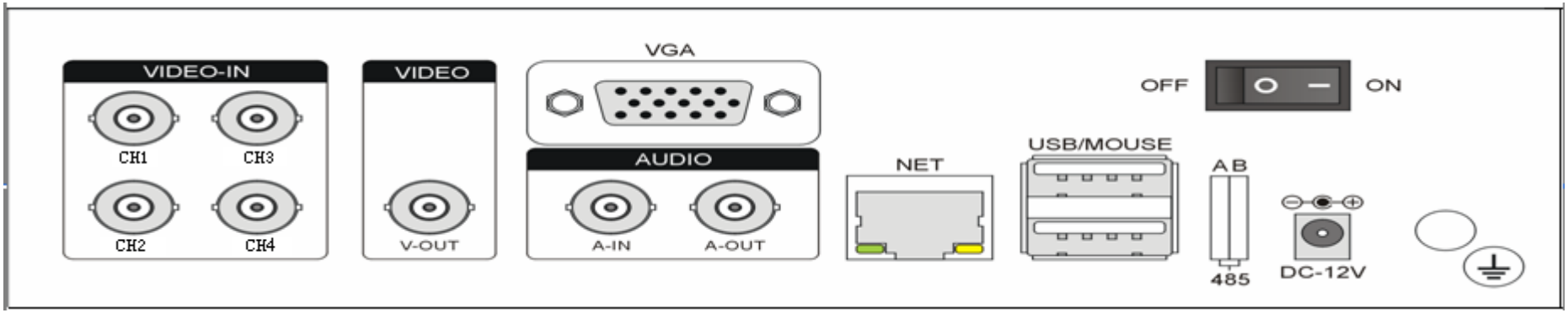
③connect hard disk and mother board

④fix the screw of hard disk

⑤close cover

⑥install the screws on both sides of shell

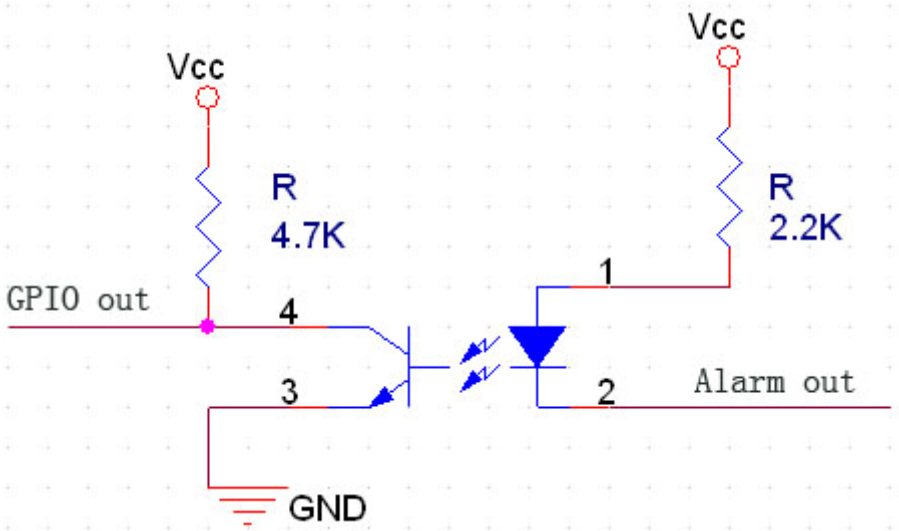
2.1.2 Rear panel



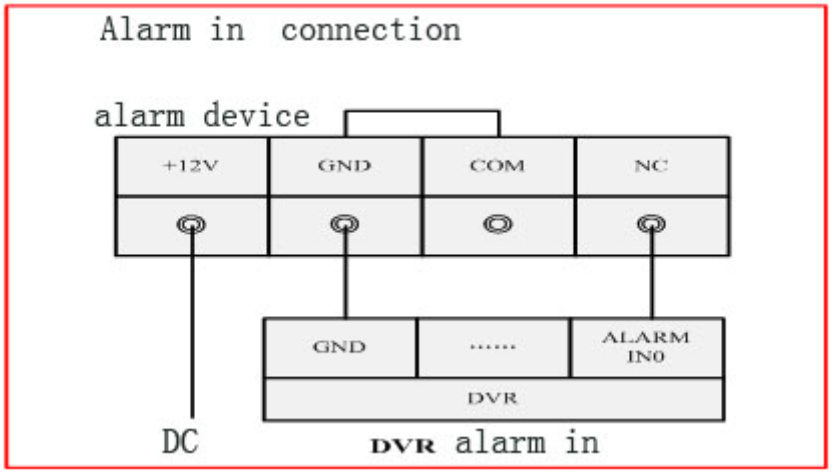
Item	Interface	Description
1	VIDEO IN	4ch video input
2	AUDIO IN	1ch audio input A-IN
3	V-OUT	1ch video output
4	A-OUT	1ch audio output
5	VGA	VGA monitor
6	NET	RJ45 for internet
7	USB/ MOUSE	First USB for backup or upgrade system of DVR; Second USB for mouse
8	ON/OFF	Power supply switcher
9	DC-12V	Power adaptor port
10		No Alarm RS-485：A, B

2.1.3 Alarm input port

8chanel alarm input, the mode of alarm input is no restriction (possible is normal open also normal close);
the GND alarm detector connect to COM under parallel connection (the power of alarm detector supply by external power supply;
the ground terminal of alarm detector join-up in parallel with DVR;
the NC of alarm detector connect with the input end (alarm) of DVR;
when you want to reset the remote alarm of triggered , the +12V power supply of alarm detector supply by DVR, for example, smoke detector.
When you select the external power supply, please share the GND with DVR;
Alarm input circuit:

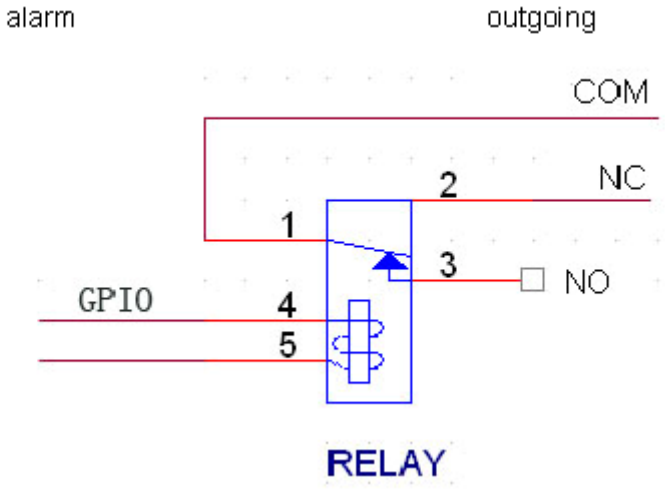


Alarm inlet connection:



2.1.4 Alarm output port

4 way switching value alarm output, selectable in normally open contact, also selectable in normally closed contact, the external alarm device should be need Vcc;



3.1 Powering On

3.1.1 Boot-strap

If【POWER】pilot lamp off, please follow the operation step by step:

First step: if the power does not plug into, please plug into the power, then the DVR begin to start, by now, if the DVR still inactive, to enter the next step;

Second step: turn on the power supply of the DVR at the back panel, DVR begins to start.

If【POWER】pilot lamp to offer RED, press the 【POWER】key, DVR begins to start.

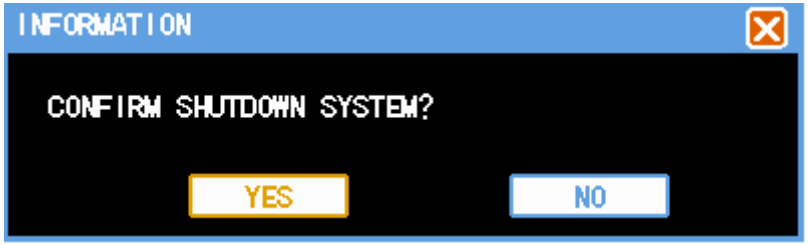
The video output mode of DVR's the default setting is multi picture channel mode after starting the DVR, if the time of start the DVR is in the Timing Recording Setting, the DVR will automatically to start the Timing Recording function, the corresponding channel's recording pilot lamp will be light, the DVR is normal operation.

If you do not install the hard disk drive in the DVR before turn on the power, after Login the system, the system will call attention to as follows;

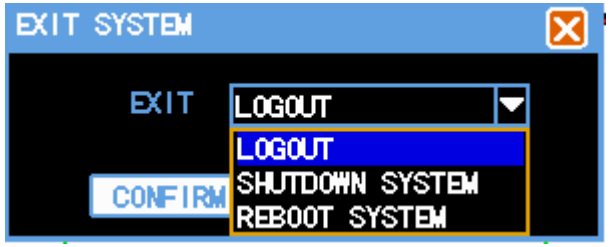
3.1.2 Shutdown

◆ **There are two safety mode for Shutdown**

A. Pressing the POWER key in 3 second, according to Shutdown warning to stop the all running of DVR , then you can turn off the power key behind the DVR case.



B. Enter【Main Menu】→【Log Out】select【Shutdown system】.



◆ **Abnormal shutdown**

Through the rear panel to shutdown

During the DVR running, directly to turn off the power through the rear panel power switch, please avoid as much as possible to do it. (specially while the DVR recording).

Directly to pull up the power cable of DVR

While the DVR running, directly to pull up the power cable of DVR , please avoid as much as possible to do it. (specially while the DVR recording).

Caution: In some area, the power supply is irregularity, it will cause the DVR working not normal-operation, the DVR will be damaged in serious. In this surroundings, suggest select the stabilized voltage supply.

3.2 Enter System Menu

How to enter the Menu Mode

- Press【MENU】key, enter main menu
- Click【Mouse right key】enter shortcut menu
- Click【T-RSH】shortcut, enter playback menu
- click【REC】shortcut, enter manual recording operation menu
- Click【PTZ】shortcut, enter PTZ control operation menu

Introductions: you should input the user name and password when you login DVR system, the default user name is “admin”, and the password is

“666666”.

There are three default user, that’s “admin, user, default”, and the user and default’s password is “123456”. The user name “admin” is the top authority user in default, and the “default” is the low authority user in default, only for monitoring, playback, backup etc. authority.

Password security: you can try 5 times in 30 minutes, otherwise, the user name will be locked;

Remark: for safety, suggest to change the password after use the DVR, put the additional user name and change the default user name, for the use setting please refer to Menu operation----User management.

Concerning the input method: except the front panel and remote control unit can be input, you also can input the character in the InputBox, single left click the mouse, the system will dropping the software keyboard.

3.3 Power-down and Revert

When the DVR run under Recording, Timing recording, Alarm Recording, if the power of DVR to be turn off or be forced to turn off, and turn on the power again, DVR will automatically save the recording before turn off, and automatically to revert the operating condition before turn off to work on.

3.4 Preview

After log in system of DVR, system will automatically directly enter the preview mode

In the preview picture, you can see the overprint date, time, channel name, if the date and time is not correct show on the picture, re setting the date. There is a alarm input mode icon. (the meaning of every kind of icon as following table)

Channel picture attention

1		When that channel recording, this mark will be showed on it	3		When there is a video loss in that channel, this mark will be showed on it
2		When there is a motion detection alarm in that channel, this mark will be show on it	4		The mark of alarm input mode
5		When the video be Dodging, this mark will be showed on that channel			

3.5 Recording operation

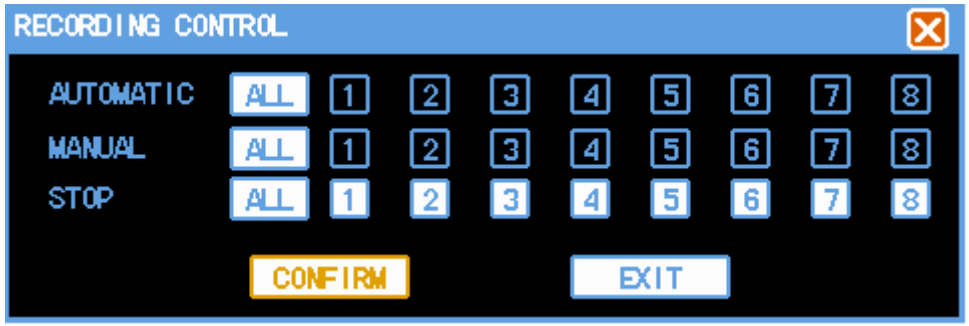
Customer can according to select the different kind of recording mode in this system. For the different kind of recording mode you set, the channel will be showed the mark on everyone channel.

3.5.1 Manual recording

Note: Manual recording operational requirement the user should have "recording" permission. Please make sure the hard disk drive has been installed and it has been formatted.

1）Input manual recording operation menu

Single click right key of mouse or In main menu=> recording control can into manual recording operation menu. Under preview mode, press REC key or on the Remote controller unit key into recording control operation menu, as follows:



2) The explanation of manual recording operation menu

【manual recording】Priority level highest, no matter currently what status of every channel, after carry out the manual press, corresponding channel will be record common in progress;

【Auto recording】Setting channel recording by setting condition to record under Timing, Motion detection and Alarm in Recording Setting;

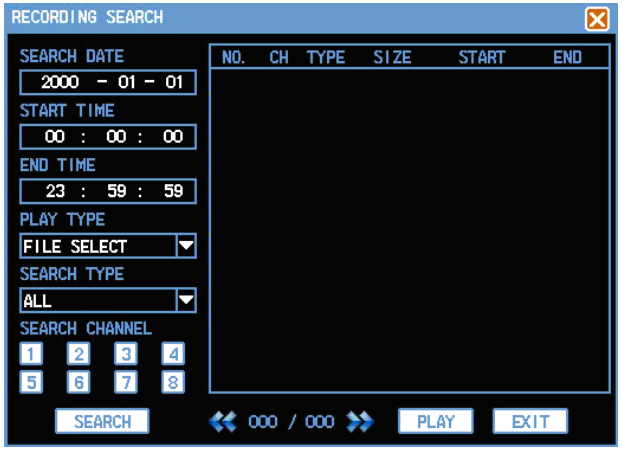
【Stop Recording】All video channel stop recording;

【All 】Possible to select all video channel recording or stop recording.

3.5.2 Playback video

There are two mode in video playback: One channel playback and four channel playback at same time.

One channel playback: Single click right mouse key in anyone video channel under Preview menu, select “Record Playback” in the popping menu, search the record file and playback in the popping recording file menu, then the record that selected will be play backed in that video channel.



Four channel playback:【Main menu】➔【Record Search】, click the icon of mark file in the red frame as follows;

Select the corresponding video channel to search, double click the record file to playback; then move the mouse to the Second video channel to search the record again, double click the record file and playback the record file in it; to do the same step mention above, you can playback four channel record file at the same time.

Toolbar of playback

Button	Description	Button	Description
	Playback/pause		Open the record file
	stop		Single video channel playback mode
	From quick playback, slow to normal play back mode		Four video channel playback mode
	Slow, fast		
	Sound on/off		Hide the toolbar
	Voice adjustment		Close the window menu

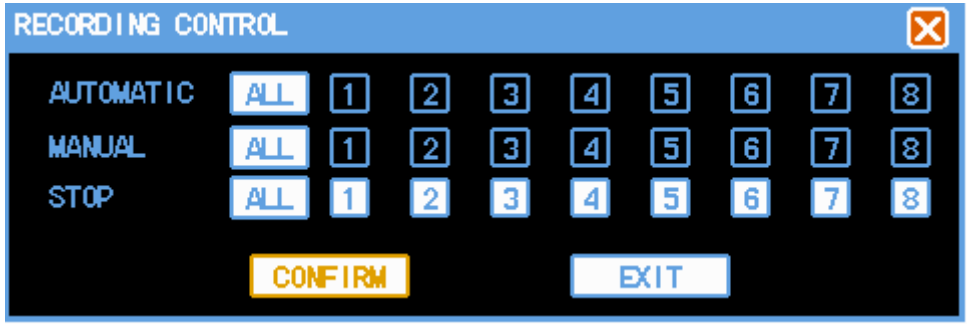
Note:

1) During playback the Playback Tool will show the file playback speed, channel, timing, playback speed etc. information in the Playback control panel;
2) Can't same time to select the Fast forward operation function in over 2 channel, only progress in anyone channel;
3) Can drag the Playback Speed toolbar by mouse;

3.5.3 Recording setting

Two mode in recording: Manual Recording and Auto Recording

3.5.3.1 Manual Recording



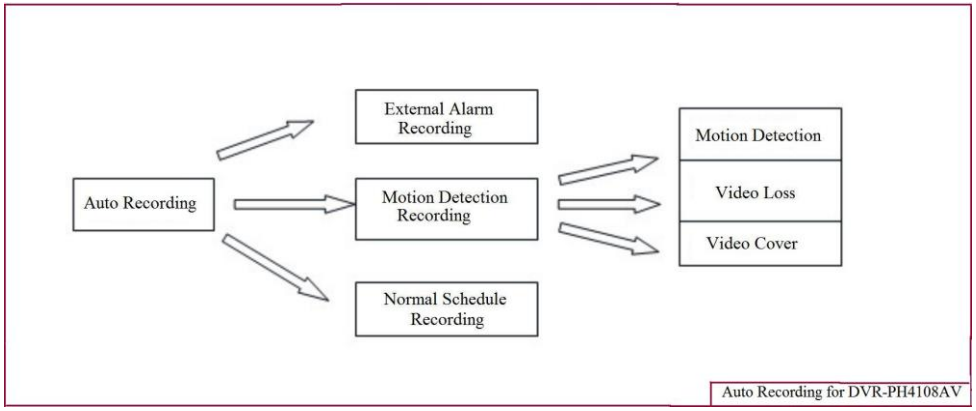
Click 【Main Menu】➔【Recording Control】, as above diagram,select anyone channel to recording, the White color means the recording function

enable,Black color means disable;

Also can select “All” mark,if select it, then the recording function enable in all channel, click confirm.

3.5.3.2 Auto Recording

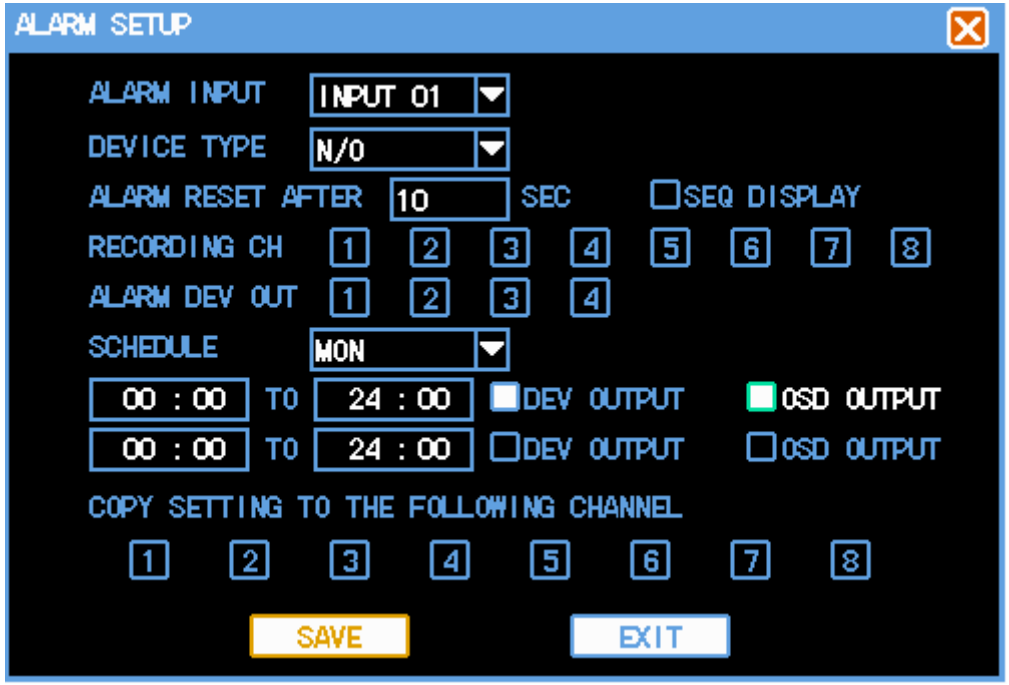
The Auto Recording function includes;



External Alarm Recording: Please find the details of it in 3.6.5 in this menu（Alarm setting and Alarm linkage Recording）

Normal Schedule Recoding: The default setting is 24hours non-stop recording after the First time to boot the DVR system. Login the menu, can set the Timing of DVR to record continually, that’s recording in the timing that you select in sometime area, find the details setting in 【Main Menu】➔【System Setting】➔【Recording Setting】

Motion Detection Recording: Please find the details of it in 3.6.4 in this menu（Motion Detection）



Including the time slice of setting Normal Recording, Motion Detection Recording, Alarm Recording;

【Channel】/【Recording Schedule】Drop-down menu, select the corresponding channel Number/Week to set, select “ALL” can set the all channel function enable in onetime;

【Alarm Recording】Can record 3-5seonds video before the alarm event to occur（the timing depends on the capacity of video streaming）;

【Time Slice】The means the recording mode of that channel currently in some time, “■” anti-display setting normal, alarm recording mode, can select single or multi in it, four time slice for setting selectable. Under some recording mode and the time in different time slice, you can duplicate to set, the time setting range is 00:00－24:00, after set the channel parameter, please press the save key to save the setting in the system.

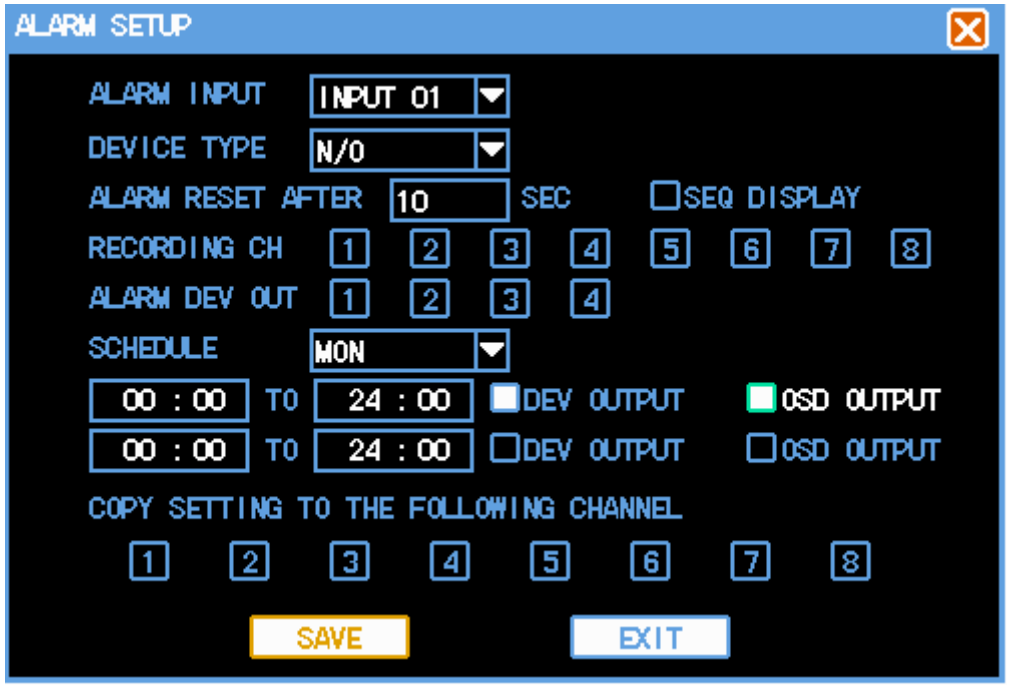
Shortcut setting

1) Duplicate the same setting from one channel to another channel, for example, select channel one, after recording mode setting, click the copy icon into the others.

2) User should save the setting one by one after channel setting.

3.5.4 Alarm setting and alarm linkage recording

Details setting in【Main Menu】➔【System Setting】➔【Alarm setting】
User should separate to save after to everyone channel setting.



【Alarm Input】Select corresponding alarm channel Number;
【Device Mode】Select normal open/normal close (voltage output);
【Channel Switcher】Invert■setting when there is an alarm event, due to select start to record the channel progress to single channel switching display, select the switching setting time mode in the menu【Output Mode】;
【Recording channel】Select the require recording channel(repeat selectable), when there is an alarm event, the system will automatic to start that channel to record. At the same time, select the dynamic detection recording in【Recording Setting】, select the automatic recording in【Recording Control】;
【Alarm Output】Alarm linkage output port（repeat selectable）,when there is an alarm event, can be linked the corresponding alarm output device.
【Clear Time Delay】Select corresponding time delay（5-300, the unit in second）,after clear the external alarm, system automatic to delay the corresponding time, then close the alarm and linkage output;
【Prompting message】Show the prompting alarm message in the local DVR;

【Time Slice】Can set alarm output situation in two time slice, the time slice setting allow in repeat, the system according to the selected operational context to press or operate in the current time slice. That is if there is a prompting message in the current time slice One, no in time slice Two, then there is a prompting message in this time slice. Alarm output and prompting message selection invert, that's there is an alarm output or prompting message in the selected time slice.

4.1 Menu Navigation

Main Menu	First level menu	Option remarks
Play Back		To achieve the function of record file searching and playback, the listing of searching according to the record mode, channel, timing, display the result situation in listing, process the playback after the record file select ed. R-Normal recording, A-Alarm recording, M-Motion detection recording
System information	**Hard disk drive**	The interface position of SATA hard disk drive, the total capacity, surplus capacity, the start-stop recording time information of all hard disk drive and everyone. Mode: read-write drive, read-only drive etc.
	Log	Display the log of system important event, and record the log appointed.
	version	Display the property of system hardware, software version and the day of release
	Online user	Check the information of on line user
	System setup	System time, preservation mode of record, the DVR model etc. basic parameter
	Encoding setting	Encode mode, bit rate, quality parameter etc. setting of audio and video,

System Setting	**Recording setting**	The timing setting includes the timing recording, dynamic detection, external alarm event; The duration of everyday timing operation in one week(recording, receive external alarm event, running dynamic detection), the every mode can be set in two different kind of duration in everyday
	PTZ setting	Parameter setting of PTZ
	Network setting	The parameter setting of network ID, video data transmission protocol etc. and the function of PPPoE, DDNS.
	Alarm setting	The parameter setting of for external alarm output and record response.
	Video detection	The dynamic detection parameter setting of sensitivity, region and pre-processing (alarm output and start recording) , video loss, blank screen detection etc.
	Local display	The parameter setting of output menu and monitoring switching Caution: after the menu modify output attribute, the presentation will be go to take effect after system reboot.
 Recording Control		On or Off the channel recording
 Hard disk drive management		The operation of Hard disk drive management, clear the data in hard disk drive; Attention: modify property of hard disk drive, it will take a effect after the system reboot.
 Alarm control		PTZ Advanced Features Alarm input, output function

 Advanced Options	**User account**	The user management function
	Exception	
	System upgrade	The item need to system maintenance setting, upgrade function
	Output adjustment	Adjust the output parameter of VGA
	Revert default	According to select revert all or part of it into default delivery setting Attention: user account setting is not the recovery function
 File backup		Detection backup device Listed the detected device, display the name, mode and capacity etc. Backup the record file into the backup device.
 Turn off system		Log off, turn off, reboot system operation

4.2 Menu Operation

Main menu interface introductions

The main menu function includes recording search, system information, system setting, recording control, hard disk drive management, alarm control, Advanced Options, file backup, turn off system.

Explanation:

The all-following sub-menu setting should to take effect after save, otherwise, the setting invalid.

The checkbox be filled means that someone function sleeted, not be filled that means no select some one function.

4.2.1 User Account

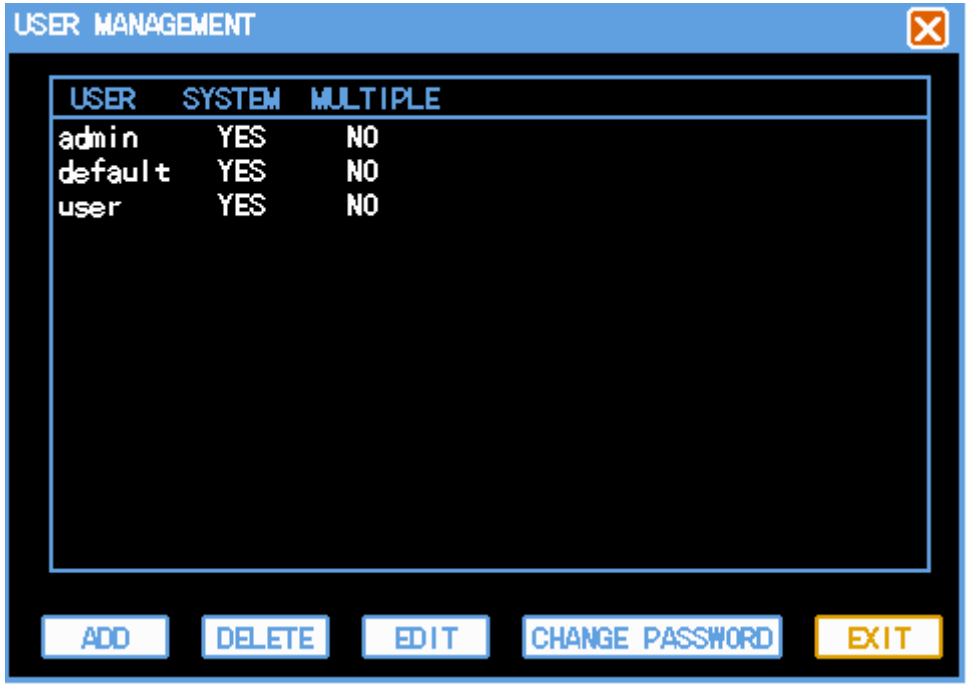
Management user account properties

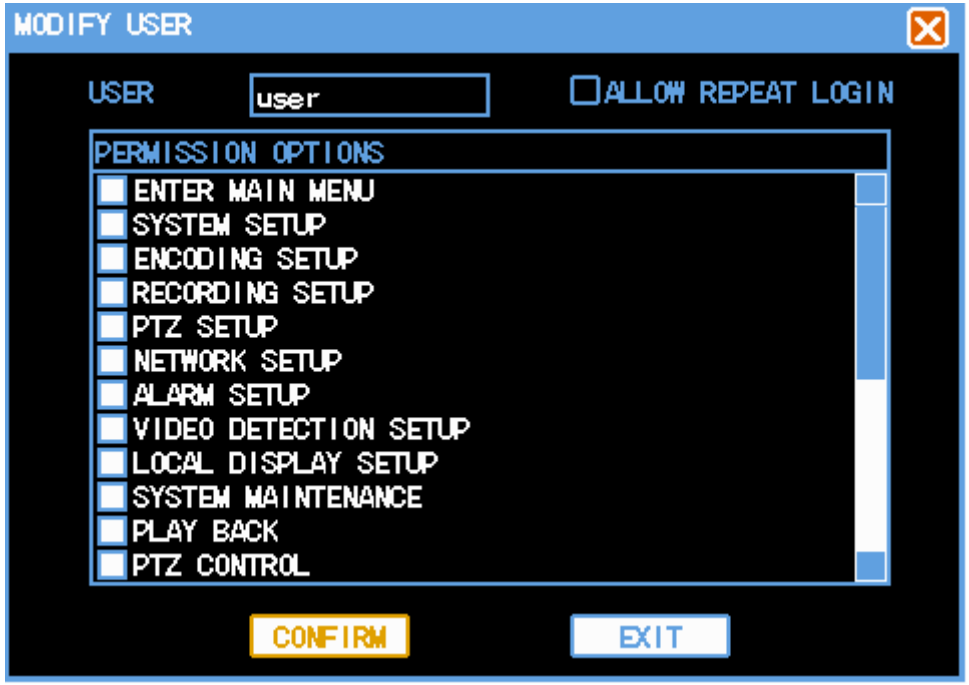
The user name max character size is 8 character, the beginning and the end of the string is bland invalid, it can not be blank in the middle. The legal character: letter, numeral, not allowed to use the other character symbol.

The user quantity max is 20pcs, the user can be added in user-defined, but the name of user can not be same repeat, the everyone user name can be modified permission by admin, the other user name can permission modify the password themselves;

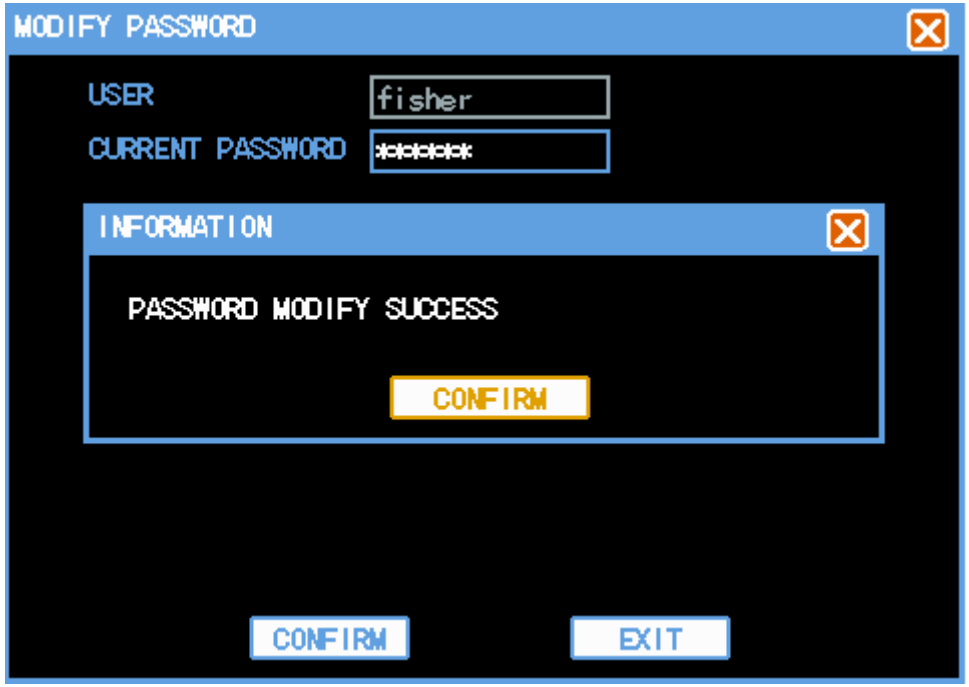
Modify password: permission to modify the password of user name, select user name, input the new password in the new password and confirm the new password again. Press save button for confirm the password modification. The password can be set from 1-8pcs, the password can not be in blank at the beginning and the end, the middle allow in blank. The legal character: letter, numeral, not allowed to use the other character symbol.

Caution: The current password means the user logins





Add user: add user name in group and set the user permission control. Enter add user menu interface, input user name and password, select it which group does belongs to, and select is it multiplex user or not. Multiplex means that user can be used at same time, the user name can be used by some client at same time, "■" means selected.

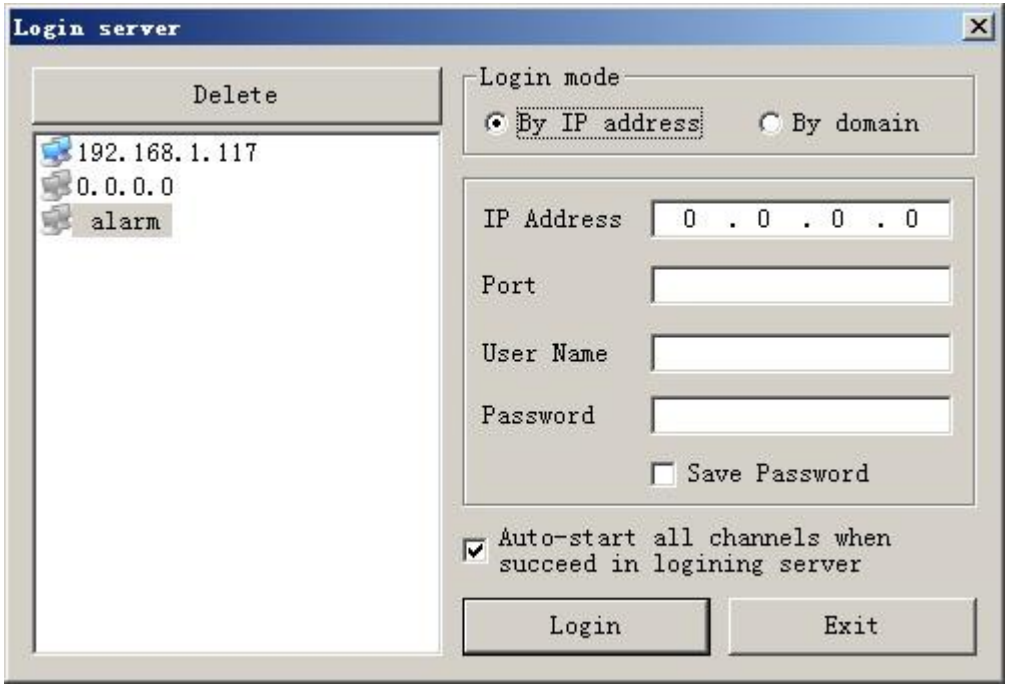


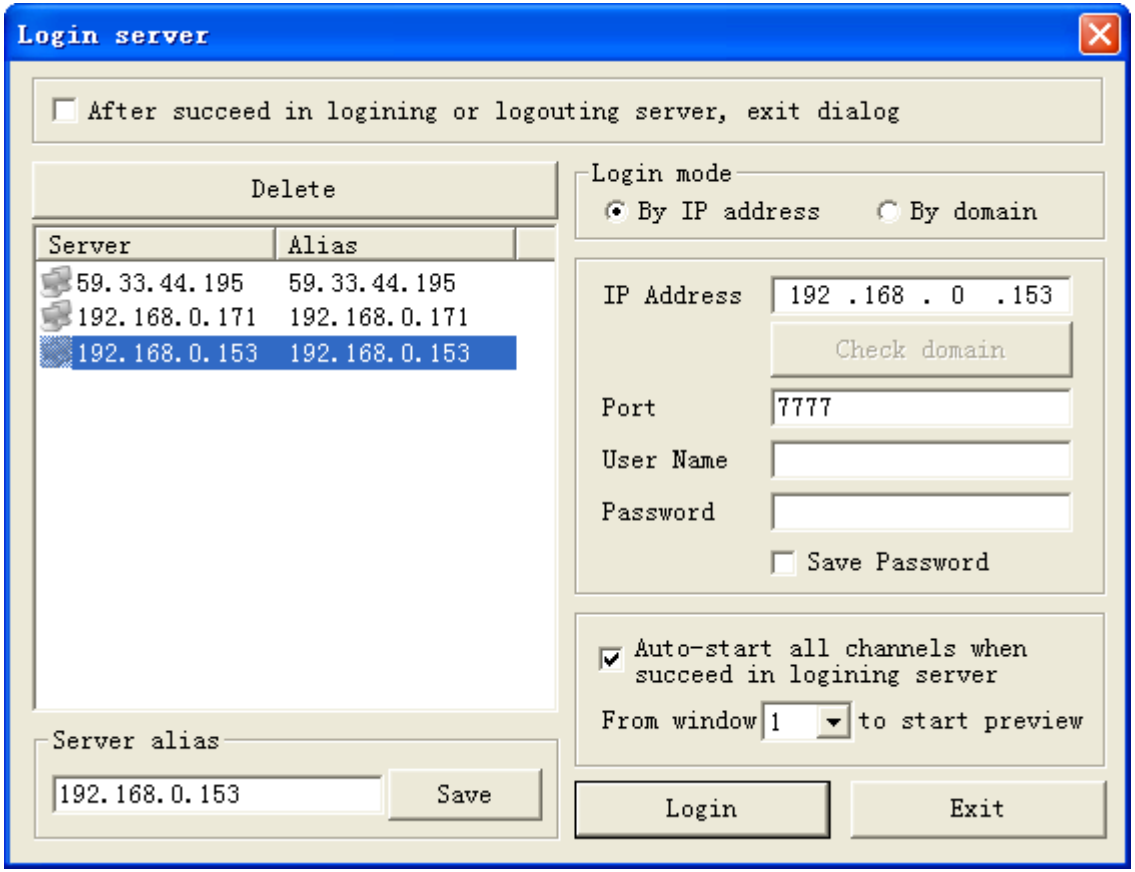
There are 3 user name admin,usrer,default in initialization, admin is the highest permission in delivery default setting, and the password is 666666,and the default user name is low permission user under delivery default setting, only can monitoring, playback, backup permission etc.

Default：this user is for system internal use, can not be deleted. When there locates “no user login” situation at local DVR, system will automatic to log in under this default user name. user can according to modify the permission of this user account, accomplish the operation of some no need to login. The other user who have account permission can modify the permission of Default, that is, user can use this function when there is not user login DVR, For example, if you want to view some video channel when there is not user login, you can select the permission in that corresponding video channel in Default account, scalable setting the others permission setting.

5.1 Logging on interface

To input the IP address





Pretermission IP address is 192.168.0.117

1 Live01-192.168.0.193
CH 01
2009-03-05 20:42:23 THU
2 Live02-192.168.0.193
CH 02
2009-03-05 20:42:23 THU
3 Live03-192.168.0.193
CH 03
2009-03-05 20:42:23 THU
4 Live04-192.168.0.193
CH 04
2009-03-05 20:42:23 THU
5 Live05-192.168.0.193
CH 05
2009-03-05 20:42:23 THU
6 Live06-192.168.0.193
CH 06
2009-03-05 20:42:23 THU
H.264 Embedded
DVR
Login
Control
Setup
+ Focus -
+ Aux -
+ Zoom -
+ Iris -

Chapter Six FAQ (Frequently Asked Questions)

❓ 01：Why the DVR did not run after connect the power supply?

- ①Please check the power switch turn on or off at the rear panel of DVR.
- ②Please check if the turn on DVR operation correct or not?
- ③If you select the adaptor +12V, 5A or above? (8ch 5A, 16ch 220V 200W)

❓ 02：Still stop over on the boot-strap frame?

- Physical damaged in hard disk drive
- Boot manager abnormal.

❓ 03：Why does appear the boot running too slow?

- ①There are too much capacity data in hard disk drive, the system will automatic search the data when the system boot up, caused the boot running slow.
- ②The hard disk drive error will cause the system research the data repeatedly, caused the boot running slow.

❓ 04：Why does the system reboot repeatedly?

- ①Check the hard disk drive, if there is not the FAT32 formatted in it or the problem in it and caused the DVR reboot;
- ②Please check the power supply of DVR, if you installed a lot of hard disk drive, it may be reboot repeatedly underpower;
- ③Please pull up the network cable, then to check the DVR can work normally or not, being the catastrophe failure in network, it will cause the DVR reboot repeatedly;

❓ 05：Why does the system halted of DVR during the playback and search the video file information in progress?

- Please check if you install the hard disk drive or if the drive is ok or not? Please replace the good one for it soon;
- If the ambient temperature on the high side or not?

- Is there any heaven current installation surrounding and external video device, heavy current surging video cable, caused the DVR can not work properly and the system halted;

? 06：Firmware upgrade failure?

- U drive is not good compatible with the DVR, cause the DVR can not detected it, suggested to try one or two more different kind of U drive in the market;
- USB interface is not good;
- The voltage hunting fearfulness during the system firmware upgrade in progress;

? 07：Why the display color is black and white in TV and VGA monitor?

- Check the video system is it matching the video input, DVR, TV or VGA monitor, if there is not on all fours, please set the video system mode in auto automatic recognition;

? 08：Why does nothing display on the TV or VGA monitor?

- ①please make sure if the power supply of TV or VGA monitor turn on or not; if the illumination located in the lowest status?
- ②if the video connected with TV or VGA monitor properly? Check if there is any video signal input? And make sure the line faulty or not?

? 09：Why does the video like water wave, to appear obstruction distortion?

- ①if there is short circuit, open circuit or insufficient solder and connection failure of video cable?
- ②If the video cable obstruction by high voltage interference, please separate the video and high voltage in linkup cabling, at the meantime, please select the better quality, shield video cable for the project;
- ③In the whole system, only select the central point to grounding, please do not multi port to grounding, then, cause the common mode obstruction, please connect the screw in DVR rear panel to grounding;
- ④Check if there is the become old problem in the camera or TV monitor and cable?

? 10：Why do the color of live video and record video data distortion?

- ①Make sure the input and output video parameter of main menu setting correct;
- ②Make sure the connection is correct;

? 11：Why does the video skew became deformed, color cast?

- ①Make sure the VGA cable and DVR be connected with grounding properly;

👉 ② The DVR working atmosphere temperature high, or no good in radiating, cause the VGA chipset working exceptional, or the mention circuit parameter is abnormal;

❓ 12：Why does the record video playback in mosaic under local DVR?

👉 ①The recording parameter setting is too low cause the record video quality overall down, sometime appears to mosaic;

👉 ②The record video file locates where there is a bad sector in a hard disk drive, it will cause the mosaic raising;

CE

	SRX-DVR4C		
Compress standard	H.264	**Communication port**	RS485，USB2.0×2
Video in	BNC（1.0Vp-p/75Ω）	**Hard Disc**	1SATA（maximum 2T）
Video out	1TV, BNC(1.0Vp-p,75Ω),1VGA.	**USB interface**	Usb mouse，Usb disc backup
Picture standard	PAL(720×576)， NTSC(720×480)	**Remote control**	Yes
resolution ratio	1024x768/800x600	**Power adapter**	12V/3A DC
Record encoded	CIF	**Working temperature**	0℃～+60℃
Record play	1//4/CH	**Working humidity**	10%～90%
Roll rate	PAL:1~25 roll/S；NTSC:1~30 roll/S	**Product size（mm）**	330x250x50mm
Audio in	RCA×1CH	**Product weight（Kg）**	2.6（without disc）
Audio out	RCA		
Audio encoded	ADPCM		
Audio encoded rate	32Kbps		
Alarm In	NO		
Alarm Out	NO		
Record mode	Manual record，motionrecord and externa alarm record		
Mult mode	Record，P lay，Internet		
Network interface	RJ45(10M/100M)		
Mobil platform	Naway.CAB；symbian v3；symbian v5；Naway-Android；iphone，Blackberry		
RS485	PTZ control		